Figure 6 shows the coding sequence for analog no. 2 (SEQ ID NO:5-6) and primers therefore SEQ ID NO:7;

Figure 7 shows the coding sequence for analog no. 3 (SEQ ID NO:8-9) and primers therefor (SEQ ID NO:10);

Figure 8 shows the coding sequence for analog no. 4 (SEQ ID NO:11-12) and primers therefor (SEQ ID NO:13);

Figure 9 shows the coding sequence for analog no. 5 (SEQ ID NO:14-15) and primers therefor (SEQ ID NO:16);

Figure 10 shows the coding sequence for analog no. 6 (SEQ ID NO:17-18) and primers therefor (SEQ ID NO:19);

Figure 11 shows the coding sequence for analog no. 7 (SEQ ID NO:20-21) and primers therefor (SEQ ID NO:22);

Figure 12 shows the coding sequence for analog no. 8 (SEQ ID NO:23-24) and primers therefor (SEQ ID NO:25);

Figure 13 shows the coding sequence for analog no. 9 (SEQ ID NO:26-27) and primers therefor (SEQ ID NO:28);

Figure 14 shows the coding sequence for analog no. 10 (SEQ ID NO:29-30) and primers therefor (SEQ ID NO:31)--;

On page 4, line 26, after "binding sites" please insert --(SEQ ID NO:32-34)--;

On page 4, line 28, after "binding sites" please insert --(SEQ ID NO:35-37)--;

On page 5, line 2, after "No. 1a" please insert --(SEQ ID NO:38-40)--;

On page 30, line 23, after "Primer 1" insert --(SEQ ID NO:41)--;

On page 30, line 27, after "Primer 2" insert --(SEQ ID NO:42)--;

On page 31, line 8, after "Primer 3" insert -- (SEQ ID NO:43)--;

On page 31, line 14, after "Primer 4" insert --(SEQ ID NO:44)--;

On page 34, line 12, after "Primer #1" insert --(SEQ ID NO:45)--;

On page 34, line 15, after "Primer #2" insert --(SEQ ID NO:46)--;

On page 34, line 20, after "Primer #3" insert --(SEQ ID NO:47)--;

On page 34, line 23, after "Primer #4" insert --(SEQ ID NO:48)--;

On page 34, line 31, after "Primer #5" insert --(SEQ ID NO:49)--;

On page 34, line 32, after "Primer #6" insert --(SEQ ID NO:50)--;

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On page 35, line 14, after "...GTWA" insert --(SEQ ID NO:51)--;

On page 35, line 33, after the sequence ending "...GSGS" insert --(SEQ ID NO:52)--;

On page 36, line 17, after "primer #7" insert --(SEQ ID NO:53)--;

On page 36, line 25, after the sequence ending "...GTWA" insert --(SEQ ID NO:51)--;

On page 37, line 10, after the sequence ending "...GSGS" insert --(SEQ ID NO:52)--;

On page 37, line 29, after "primer #8" insert --(SEQ ID NO:54)--;

On page 37, line 31, after "primer #9" insert --(SEQ ID NO:55)--;

On page 38, line 5, after the sequence ending "...GAWA" insert --(SEQ ID NO:56)--;

On page 38, line 21, after the sequence ending "...GSGS" insert --(SEQ ID NO:52)--;

On page 39, line 9, after "primer #10" insert --(SEQ ID NO:57)--;

On page 39, line 11, after "primer #11" insert --(SEQ ID NO:58)--;

On page 39, line 32, after the sequence ending "...GSGS" insert --(SEQ ID NO:52)--;

On page 40, line 16, after "sequence of primer #12" insert --(SEQ ID NO:60)--;

On page 40, line 24, after the sequence ending "...GAWA" insert --(SEQ ID NO:56)--;

On page 41, line 7, after the sequence ending "...GSGS" insert --(SEQ ID NO:52)--;

On page 41, line 24, after "primer #13" insert --(SEQ ID NO:61)--;

On page 41, line 32, after the sequence ending "...GAWA" insert --(SEQ ID NO:56)--;

On page 42, line 20, after the sequence ending "...GSGS" insert --(SEQ ID NO:52)--;

On page 43, line 7, after "primer #14" insert --(SEQ ID NO:62)--;

On page 43, line 15, after the sequence ending "...GAWA" insert --(SEQ ID NO:56)--;

On page 44, line 3, after the sequence ending "...GSGS" insert --(SEQ ID NO:52)--;

On page 44, line 20, after "primer #15" insert --(SEQ ID NO:63)--;

On page 44, line 28, after the sequence ending "...GAWA" insert --(SEQ ID NO:56)--;

On page 45, line 16, after the sequence ending "...GSGS" insert --(SEQ ID NO:52)--;

On page 46, line 4, after the sequence ending "...AICC" insert --(SEQ ID NO:59)--;

On page 46, line 18, after the sequence ending "...GSGS" insert --(SEQ ID NO:52)--;

On page 47, line 6, after the sequence ending "...AICC" insert --(SEQ ID NO:59)--;

On page 47, line 20, after the sequence ending "...GSGS" insert --(SEQ ID NO:52)--;

On page 48, line 8, after "primer 16" insert --(SEQ ID NO:64)--;

On page 48, line 10, after "primer 17" insert --(SEQ ID NO:65)--;

On page 49, line 18, after "primer #18" insert --(SEQ ID NO:66)--;

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On page 49, line 20, after "primer #19" insert --(SEQ ID NO:67)--;

On page 54, line 8, after the sequence ending "...PILPQ" insert --(SEQ ID NO:68)--;

On page 54, line 12, after the sequence ending "...DDPR" insert --(SEQ ID NO:69)--;

On page 54, line 15, after the sequence ending "...QCALC" insert --(SEQ ID NO:70)--;

On page 54, line 19, after the sequence ending "...CDHPQ" insert --(SEQ ID NO:71)--;

On page 54, line 24, after the sequence ending "...EMKE" insert --(SEQ ID NO:72)--;

On page 55, line 3, after the sequence ending "...SFGE" insert --(SEQ ID NO:73)--;

On page 55, line 7, after the sequence ending "...PSYC" insert --(SEQ ID NO:74)--;

On page 55, line 10, after the sequence ending "...GEMKE" insert --(SEQ ID NO:75)--;

On page 55, line 13, after the sequence ending "...GEMKE" insert --(SEQ ID NO:76)--;

On page 55, line 16, after the sequence ending "...SFGE" insert --(SEQ ID NO:77)--;

On page 57, line 32, after the sequence ending "...GPSY" insert --(SEQ ID NO:78)--;

On page 55, line 19, after the sequence ending "...YYHKS" insert --(SEQ ID NO:79)--;

On page 56, line 11, after "GSGS" insert --(SEQ ID NO:80)--;

On page 56, line 13, after "GSGSGS" insert --(SEQ ID NO:81)--;

On page 56, line 13, after "GSGSGSGS" insert --(SEQ ID NO:52)--;

On page 56, line 13, after "GSGSGSGSGS" insert --(SEQ ID NO:82)--;

On page 56, line 17, after "DDPR" insert --(SEQ ID NO:83)--;

Replacement and Renumbering of Pages:

Please enter the attached 47 pages of printed Sequence Listing as new pages --60-106--.

Please renumber original pages "60-66" as pages --107-113--.

Please renumber the Abstract from page "67" to new page --114--.

REMARKS

The printed Sequence Listing is identical to the Sequence Listing submitted in machine-readable form.

This paper is submitted to comply with the United States Patent Office rules governing gene sequences. No new matter is added.

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